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Derivatives of phosphorus acids and α-chloroallyl alcohol - Communication 2. Synthesis of mixed α-chloroallyl esters of phosphoric acid and some of their biological properties

Arbuzov B., Zoroastrova V., Neklesova I., Kudrina M., Egorova N., Tudrii G.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

1. A series of derivatives of phosphorus acids and α-chloroallyl alcohol was obtained. 2. Increasing the length of the hydrocarbon radical attached to the phosphorus atom from C1 to C6 leads to a sharp increase in the selectivity of the action of the compounds toward Trichophyton gypseum and Epidermophyton Kaufmann-Wolf. A further increase in the length of the radical decreases the anti-fungal activity of the compounds. 3. It was established that di-n-amyl α-chloroallyl phosphate has the highest selectivity index of action toward dermatophytes. © 1972 Consultants Bureau.

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